

Light (Y3&4)

knowledge

We see objects because our eyes can sense light. Objects are easier to see if there is more light.

Dark is the absence of light. We cannot see anything in complete darkness.

Some surfaces reflect light. Objects are easier to see when there is less light if they are reflective.

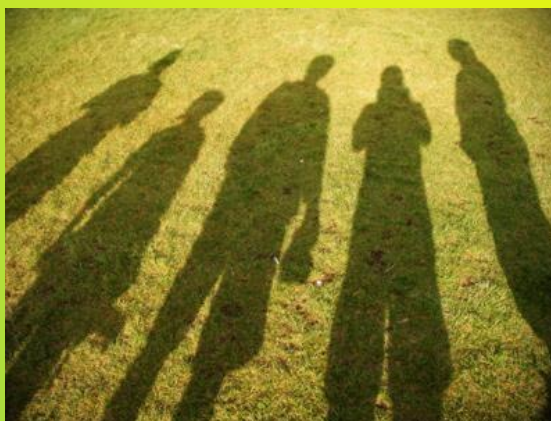
Some objects, for example the sun, light bulbs and candles are sources of light.

The light from the sun can damage our eyes and therefore we should not look directly at the Sun and can protect our eyes by wearing sunglasses or sunhats in bright light.

Shadows are formed on a surface when an opaque or translucent object is between a light source and the surface and blocks some of the light.

The size of the shadow depends on the position of the source, object and surface.

Know how to create a shadow.



Subject Vocabulary

light	something that allows us to see
shadows	a dark area or shape produced by something coming between rays of light and a surface.
mirror	a surface, typically glass, which reflects a clear image
reflective	something that is able to return light
dark	an absence of light
reflection	the return of light by something
light source	where light comes from
absence of light	also known as dark
transparent	something that you can see through
translucent	something that you can make out the shape and size of but cannot make out completely
opaque	something that you cannot see through
shiny	something that reflects light
mat	dull and flat; without a shine
sunlight	light that is emitted by the Sun
dangerous	something that is damaging or harmful

